



# Minnesota Crop Progress & Condition



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Cooperating with the Minnesota Department of Agriculture

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Warm weather rapidly advanced crop emergence across Minnesota during the week ending June 1, 2014, according to the USDA National Agricultural Statistics Service. In spite of the progress made, crop development still remains behind the five year average. There were **4.8 days suitable for fieldwork** across the state.

**Topsoil moisture** supplies were rated 0 percent very short, 3 percent short, 73 percent adequate, and 24 percent surplus. **Subsoil moisture** supplies were rated 0 percent very short, 4 percent short, 81 percent adequate, and 15 percent surplus.

Ninety-three percent of the expected **corn** acreage has been planted, 2 percentage points behind the five year average. Corn emergence was rated at 69 percent, 13 points behind the average. The first corn condition ratings for the year came in at 0 percent very poor, 1 percent poor, 16 percent fair, 68 percent good, and 15 percent excellent. **Soybean** planting was 75 percent complete, 26 percentage points more than the previous week, but 5 points behind the five year average. Thirty-eight percent of the soybean crop has emerged. **Potato** planting now stands at 89 percent complete. **Spring wheat** planting was 84 percent complete, 11 percentage points behind the average. Spring wheat emergence was rated at 60 percent, 21 points behind the average. With 99 percent of planting completed, **sugarbeets** was the only crop in Minnesota ahead of the five year average. **Barley** planting progress was 78 percent complete with 57 percent now emerged. The first barley condition of the year showed 0 percent very poor, 1 percent poor, 31 percent fair, 59 percent good, and 9 percent excellent. Ninety-two percent of the **oat** crop has been planted, with 79 percent emerged. Oat conditions were 1 percent very poor, 1 percent poor, 23 percent fair, 70 percent good, 5 percent excellent. Planting progress for **dry edible beans** was 52 percent complete, 13 points behind the average. Thirty-eight percent of the **sunflower** crop has been planted, 27 points more than the previous week.

The **first cutting of alfalfa hay** continues to be delayed with only 6 percent complete. **All hay** conditions improved and were rated 0 percent very poor, 3 percent poor, 27 percent fair, 60 percent good, and 10 percent excellent. **Pasture** conditions also improved and were rated 0 percent very poor, 3 percent poor, 23 percent fair, 63 percent good, and 11 percent excellent.

## Soil Moisture Conditions as of June 1, 2014

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture .....	0	3	73	24
Subsoil Moisture .....	0	4	81	15

## Crop Conditions as of June 1, 2014

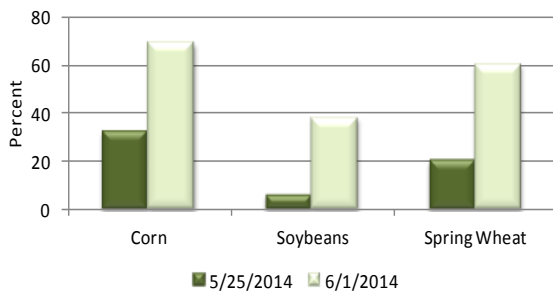
	Very Poor	Poor	Fair	Good	Exc.
Pasture .....	0	3	23	63	11
Hay, all .....	0	3	27	60	10
Oats .....	1	1	23	70	5
Barley .....	0	1	31	59	9
Corn .....	0	1	16	68	15

## Crop Progress as of June 1, 2014

	This Week	Last Week	Last Year	5 Yr Avg
Days Suitable for Fieldwork	4.8	5.0	2.2	4.1

	Percent	Percent	Percent	Percent
Oats planted .....	92	85	88	96
Oats emerged .....	79	48	66	87
Barley planted .....	78	63	85	93
Barley emerged .....	57	21	64	81
Spring Wheat planted .....	84	67	91	95
Spring Wheat emerged .....	60	20	69	81
Corn planted .....	93	81	86	95
Corn emerged .....	69	32	61	82
Soybeans planted .....	75	49	53	80
Soybeans emerged .....	38	6	16	46
Potatoes planted .....	89	69	86	94
Dry Edible Beans planted .....	52	13	41	65
Dry Edible Beans emerged .....	10	NA	3	11
Sunflowers planted .....	38	11	52	69
Sugarbeets planted .....	99	86	95	96
Hay, Alfalfa .....	6	0	2	29

## Emergence Compared to Previous Week



The following links provide further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week: <http://climate.umn.edu/doc/weekmap.asp>

National Weather Service's Minnesota Data:  
<http://www.nws.noaa.gov/view/states.php?state=MN>

# Precipitation and Temperature Summary for 5/26/2014 through 6/1/2014

	Temperature				Precipitation			
	High	Low	Week Average	Depart from Norm	Week Total	Depart From Normal		
						Past Week	Four Weeks	Since 11/1
NORTHWEST DISTRICT								
Crookston	91	54	72.8	13	0.76	-0.06	-1.02	-0.37
Itasca	89	55	70.5	13.5	3.28	2.36	1.98m	3.96m
Moorhead	93	55	73.4	11.8	0.36	-0.46	-0.7	1.21
Pembina, ND	89	47	66.8	9	1.14	0.27	0.09	1.57
Warroad	87	51	67.4	10.4	0.91	0.05	2.4	3.24m
NORTH CENTRAL DISTRICT								
Grand Rapids	89	48	68.6	10	3.13	2.28	3.09	3.51
Intl. Falls	89	48	66.2	10	1.61	0.82	1.29	1.15
NORTH EAST DISTRICT								
Duluth	85	43	63.1	7.6	1.74	0.89	1.71	2.31
Grand Marais	85	38	51.2	1.4	0.64	-0.07	0.36	0.44
Hibbing	87	39	65	10.1	5.43	4.69	8.03	8.23
WEST CENTRAL DISTRICT								
Alexandria	87	58	72.2	11.6	2.7	1.92	2.45	3.63
Breckenridge	91	57	72.4	10.8	1.28	0.5	1.06m	3.12m
Browns Valley	91	52	71	9.7	1.6	0.9	-.06m	.79m
Canby	M	M	M	M	M	M	M	-2.46m
Montevideo	91	54	72.2	9.9	1.56	0.74	-0.06	-0.04
Morris	85	58	71.5	10	1.15	0.39	0.63	1.65
Wheaton	91	56	72.2	10.4	2.33	1.58	1.17	2.83
CENTRAL DISTRICT								
Becker	85	53	70.2	7.9	3.02	2.13	4.48	8.28
Collegeville	84	54	70.6	7.7	2.41	1.47	2.44	4.2
Hutchinson	94	56	74.2	11.6	1.61	0.72	3.03	4.98
Melrose	85	53	70.2	9.5	4.05	3.2	4.62	7.43
Olivia	89	53	70.4	7.9	3.17	2.33	3.09	4.43
St. Cloud	87	52	70.4	9.5	2.83	2.02	4.12	7.24
Wadena	M	M	M	M	M	M	-1.03m	.82m
Willmar	89	57	71.2	8.4	1.74	0.83	1.12	2.52m
EAST CENTRAL DISTRICT								
Aitkin	88	55	71.1	13.3	2.12	1.28	2.26	2.89
Forest Lake	90	51	70.4	8.1	2.57	1.63	2	6.26
MSP Airport	87	57	71.7	8.1	3.04	2.17	3.78	7.04
Mora	86	47	67.4	7.4	3.63	2.8	4.64	6.85
St. Paul - UofM	87	56	73	10.7	1.74	0.8	1.55	5.29
SOUTH WEST DISTRICT								
Lamberton	90	52	72.4	9.2	1.44	0.61	0.09	0.25
Marshall	90	45	72.8	9.6	1.86	1.03	.64m	-.16m
Pipestone	89	55	72.2	10.4	2.38	1.52	0.71	-0.31
Redwood Falls	92	54	73	9.4	4.46	3.6	2.97	3.6
Sioux Falls	88	53	72.4	9.8	3.56	2.72	1.37	-0.79
Worthington	88	52	71.3	9	1.28	0.33	-1.1	-2.5
SOUTH CENTRAL DISTRICT								
North Mankato	85	55	71.4	8.3	1.46	0.5	1.48	3.36m
Owatonna	87	50	71.8	9.4	0.9	-0.11	-0.92	1.55
Waseca	86	52	70.6	7	2.06	1.06	.94m	2.88m
Winnebago	90	57	72.7	9.3	2.04	1.05	1.22	1.78
SOUTH EAST DISTRICT								
Cannon Falls	M	M	M	M	M	M	M	-2.36m
La Crosse	90	51	73.6	9.5	1.57	0.7	-0.03	3.38
Preston	86	44	68.7	7.3	0.92	-0.1	-1.66m	-.15m
Red Wing	87	56	71.9	9.1	2.71	1.82	1.82	3.57
Rochester	86	51	71.2	8.6	0.88	-0.05	-0.85	1.28
Rosemount	87	55	71.7	9.5	2.87	1.84	3.15	6.04
Winona Dam	87	52	71.2	9.2	0.44	-0.41	-1.15	1.27

m=some data missing

Data in this summary are courtesy of National Weather Service Offices and Cooperators, and the University of Minnesota Agricultural Experiment Station. This summary is prepared by the Minnesota Extension Service Agricultural Meteorologist and the Department of Natural Resources State Climatology Office. URL://climate.umn.edu